

WARWOOD TOOL COMPANY CATALOG

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**ADZE -
FOREST HOE**

ADZES

BARS

BULL PINS

CHISELS

DRIFT PINS

HAMMERS

**MANHOLE
COVER
LIFTERS**

MATTOCKS

MAULS

PICKS

PUNCHES

**RAILROAD
TRACK
TOOLS**

SLEDGES

TONGS

WEDGES

WRENCHES

GRUB HOE

**ALL AMERICAN MADE
TOP QUALITY FORGED HAND TOOLS**

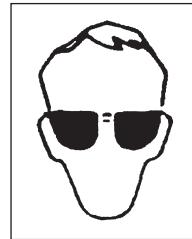
We have extensive experience in supplying to US government agencies, The General Service Administration and the American Railway Engineering and Maintenance of Way Association (A.R.E.M.A). For any assistance in quoting tools to these organizations or other tool specifications, please contact us.

VISIT OUR WARWOOD TOOL COMPANY WEB PAGE
www.warwoodtool.com

WARWOOD TOOL COMPANY

PROTECT YOUR EYES WEAR SAFETY GOGGLES

OSHA Regulations 29 CFR 1910.133 requires the use of eye protection not only to workers using striking tools, but to nearby workers in the immediate work area. Similar requirements are contained in OSHA Construction Standards 29 CFR 1926.102. Mine Safety and Health Administration requires eye protection in the Mining environment 30 CFR 55.14-4, 30 CFR 56-15-4, 30 CFR 57-15-4, 30 CFR 75.1720(a) and 30 CFR 77.1710(a).



GENERAL TERMS AND CONDITIONS

ALL PREVIOUS QUOTATIONS AND PRICE LISTS ARE HEREBY WITHDRAWN AND
CONSIDERED NULL AND VOID.

Payment Terms: 2% discount, 15 days from date of invoice, net 30 days.

Shipping Terms: Full freight will be allowed on shipments of 2,000 lbs. or more to any point in the Continental United States. Warwood Tool reserves the right to ship via the least expensive route.

Minimum Invoice Charge: Our minimum order and invoice charge is \$75.00 or a \$5.00 service fee is added to invoice.

Returned Goods: No merchandise is to be returned without Warwood Authorization. Returned goods, when authorized, must be returned prepaid freight. Credit will be issued at invoice price at time of shipment less 15% restocking charge. If it is necessary to recondition or repack returned goods, additional charges will be assessed. Credit for returned goods may be applied only toward the purchase of other Warwood products. Credits cannot be applied for cash rebates.

Shortage or Damage: In the event of any shortage or damages, notify at once the delivery transportation agent. File claim properly and be certain all shortage and damaged goods are signed and noted on the freight bill at the time of delivery.

Losses and damages which occur in transit are the carrier's responsibility, and such claims should be filed promptly with the carrier.

Disclaimer: Warwood Tool Company makes no warranty, express, implied or statutory, including any implied warranty of merchantability and/or fitness for any particular purpose, with respect to any of its tools. In addition, Warwood Tool Company shall not be liable for any damages arising out of or occasioned by the selection, application, use or operation of its tools.

Specifications: Specifications and plans in this catalog include those published by the American National Standards Institute, Inc. (A.N.S.I.) and/or AREMA American Railway Engineering Maintenance of Way Association (A.R.E.A.) or AREMA and/or Federal Specifications and/or the United States Department of Commerce Simplified Practice Recommendations (heavy forged hand tools) unless otherwise specified. If ordering to American Railway Engineering Association Specifications designate AREA or AREMA Plan, Type and Grade of steel desired. Warwood Tool Company highly recommends using current AREMA Specifications when possible.

Warwood Finish: Most Warwood carbon steel tools, unless otherwise requested, are painted blue. Railroad Track Tools will be furnished per designated AREA Specifications which could be painted or unpainted depending on the year and AREA Plan or AREMA specified.

COMPANY HISTORY

Since 1854, Warwood tools have helped to *shape our nation's history*.

From coal mining tools that helped fuel the Industrial Revolution to railroad and other tools used to build the US transportation infrastructure, to our famous entrenching mattock used extensively in World Wars I and II for digging fox holes and trenches, Warwood tools have been trusted by generations of hard-working Americans.

In fact, American soldiers have relied on Warwood tools in every war since the Civil War. As a testament to our rich history, our manufacturing facility was recently featured on the History Channel's documentary *The Men Who Built America*.

It all started in Martins Ferry, Ohio when Henry Warwood founded a company making gardening and coal tools. As the company grew, it changed locations several times until settling into what is now Wheeling, West Virginia in the early part of the 20th century. Initially surrounded by bucolic farmland, a town named Warwood quickly sprang up around the manufacturing facility along the banks of the Ohio River. Warwood remains a vital neighborhood today.

ALTHOUGH MUCH HAS CHANGED SINCE 1854, OUR UNWAVERING FOCUS ON HIGH-QUALITY TOOLS REMAINS THE SAME.

- ***We are still a family-owned and -operated company.***
Our president, James Haranzo, has been with the company since 1965. As a World War II veteran, he takes great pride in producing an American-made product of the highest quality. Recognized as a civic leader, he has devoted his time and talents to numerous boards, projects and community service to strengthen both local and state government, even serving as mayor of Wheeling.
- ***We still employ hard-working Americans who take great pride in their work.***
Our employees are highly skilled and experienced at their craft. It is a great compliment that we have multiple generations from the same family working together in our factory.
- ***We still manufacture what we believe is the best quality hand forged product made in the USA.***
We don't take short cuts.

We only use the highest quality American steel. We use a time-tested, labor-intensive manufacturing process that delivers the very best hand tool available today. Working closely with our loyal customers, we have developed an extensive product line that ensures you'll find the right tool for your job.

You could certainly find a *cheaper* tool, but you'll be hard-pressed to find a *better* one.

Pick up one of our tools — feel the *quality* and *history* in your hands.

WARWOOD TOOL SALES REPRESENTATIVES

**AMVAL ASSOCIATES
53 STRAWBERRY HILL
LYNDONVILLE, VT 05851**

**PHONE: 800-639-8065
FAX: 802-626-9734**

**BAXTER-RUTHERFORD, INC. **
PO BOX 24324
920 SOUTH DORIS
SEATTLE, WA 98108**

**PHONE: 206-762-4888
FAX: 206-767-4386**

**BAXTER-RUTHERFORD, INC. **
7509 NE 47TH AVENUE
VANCOUVER, WA 98661**

**PHONE: 360-816-0435
FAX: 206-767-4386**

**CLEE & ASSOCIATES
816 BELINDA DRIVE
KELLER, TX 76248**

**PHONE: 817-379-6957
FAX: 817-379-1542**

**W.P. HAWTHORNE JR & SONS, INC.
1130 SANDALWOOD LANE
PITTSBURGH, PA 15237**

**PHONE: 412-364-7631
FAX: 412-369-9959**

**JOSEPH M. HAYDEN ASSOCIATES
836 HUNT ROAD
NEWTOWN SQUARE, PA 19073**

**PHONE: 610-356-8364
FAX: 610-359-1272**

**GEORGE S. PRICE ASSOCIATES **
553 EAST 1050 NORTH
OREM, UT 84097**

**PHONE: 801-607-2018
FAX: 801-607-5729**

**R & B SALES
6871 LEE WAY
LONG BEACH, CA 90815**

**PHONE: 562-596-9191
FAX: 562-493-3168**

**SURPLESS, DUNN & COMPANY **
2150 WEST LAWRENCE AVENUE
CHICAGO, IL 60615**

**PHONE: 773-878-8300
FAX: 773-878-8534**

**** INDICATES WARWOOD TOOL WAREHOUSE**

HEAVY STRIKING TOOLS

INTRODUCTION. Striking and struck tools are made in various types and sizes with varying degrees of hardness and different configurations for specific purposes. They should be selected for their intended use and used only for those purposes. Proper use of practically all types involves certain basic rules:

- (1) Always wear safety goggles when using striking or struck tools, or when near someone else who is doing so.
- (2) A hammer blow should always be struck squarely with the hammer striking face parallel with the surface being struck. Always avoid glancing blows and over and under strikes.
- (3) The striking face of the hammer should have a diameter approximately 3/8" larger than the struck face of the tool.
- (4) Never use one hammer to strike another hammer.
- (5) Never use a striking or struck tool with loose or damaged handle.
- (6) Discard any striking or struck tool if tool shows dents, cracks, chips, mushrooming, or excessive wear.
- (7) Never redress striking tools. Cutting edges of struck tools may be returned to the original shape with a file or whetstone.

Blacksmiths' or Engineers' Hammers and Sledges, Double Face

DESCRIPTION. This is the most commonly used type of sledge hammer and is made in slightly different head configurations. All patterns have crowned striking faces with beveled edges.

PROPER USES. Sledges are designed for general sledging operations in striking wood, metal, concrete or stone. Common uses are drifting heavy timbers and striking spikes, cold chisels, rock drills and hardened nails, and wood splitting wedges.

ABUSE/MISUSE. NEVER use a sledge to strike a hammer, sledge, or maul. NEVER use a sledge with a loose or damaged handle.

swing – especially advantageous in restricted working areas.

ABUSE/MISUSE. NEVER use these tools for sledging or stone work.

Stone Sledges and Spalling Hammers

DESCRIPTION. These are stone masons' tools. The sledge usually has a crowned, oval striking face with a napping face opposite. The spalling hammer has a beveled striking face.

PROPER USES. Stone sledges are designed for breaking up stone and concrete. The spalling hammers are designed for cutting and shaping stone and concrete. The pein ends of stone sledges and spalling hammers are intended specifically for making score lines in stone and masonry.

ABUSE/MISUSE. NEVER use these tools for striking metal. NEVER use pein ends of stone sledges or spalling hammers for breaking up stone or masonry. They are for marking and scoring purposes only.

Woodchoppers' Mauls

DESCRIPTION. Woodchoppers' mauls have a round, bevel-edged striking face with a splitting edge opposite.

PROPER USES. These tools are designed for splitting wood. Also, they are used in conjunction with wood splitting wedges by first making a notch with the splitting edge and then driving the wedge with the maul's striking face.

ABUSE/MISUSE. NEVER use this tool in striking concrete. NEVER drive one maul by striking it with another maul, sledge or other striking tool.

Blacksmiths' Hand Hammers and Cross Pein Sledges

DESCRIPTION. These heavy-duty hammers are designed for use in striking metal. Striking face is crowned with beveled edge.

PROPER USES. The striking face is designed for general blacksmith work in striking unhardened metal. The peins are used for shaping (fullering) and bending unhardened metal.

ABUSE/MISUSE. NEVER use a sledge to strike a hammer, sledge or maul.



PROTECT YOUR EYES ...

When using ...
or in a striking tool zone

Wear Safety Goggles

STRUCK TOOLS

INTRODUCTION. The striking and struck faces of tools are designed to direct the force of blows toward the center or body of the tool. Blows struck off center are not directed toward the body of the tool where they can be absorbed, but rather travel directly along the sides of the tool where there is insufficient back-up material. The net effect is shearing rather than cushioning which is dangerous.

The angle and thickness of the cutting edges of tools are designed to give maximum cut and durability. When the cutting edge becomes dull, not only does the cutting ability decrease, but the durability is drastically reduced. Many failures are caused by dullness.

Wood Splitting Wedges

PROPER USES. Wood splitting wedges are designed for splitting logs, firewood, staves and other wood products. Always use a woodchoppers' maul or an axe to make a starting notch. Wedges should be struck with a sledge or woodchoppers' maul having a larger striking face than the struck face of the wedge.

Hot Chisels

PROPER USES. Hot chisels are designed for cutting hot steel. They are very similar to blacksmiths' cold chisels except that the cutting edge or bit is wider and the blade is thinner.

ABUSE/MISUSE. NEVER use hot chisels for cutting cold metal, stone or concrete. NEVER use a dull chisel or one with a mushroomed head. If cutting edge is dull it may be redressed.

Cold Chisels

PROPER USES. Cold chisels have a cutting edge at one end for cutting, shaping and removing metal softer than the cutting edge itself and a struck face on the opposite end.

ABUSE/MISUSE. NEVER use cold chisels for cutting or splitting stone or concrete. NEVER use a dull chisel or one with a mushroomed head.

Blacksmiths' Punches - Round and Backing Out

DESCRIPTION. The punch end of the round punch is tapered from point to body, whereas the punch end of the backing out punch is the same diameter from point to body. Both types are fitted with handles.

PROPER USES. Blacksmiths' round punches are designed for drifting holes, aligning and driving pins. Blacksmiths' backing out punches are designed for backing out bolts, rivets and pins. Do not use for grouser pin installation or removal.

ABUSE/MISUSE. NEVER use a punch with a mushroomed struck face or a chipped or deformed point.

WHEN TO REPLACE. Discard any punch if it is bent or shows dents, cracks, chips, mushrooming or excessive wear. If point end is deformed, it may be redressed.

NOTE:

Copies of the booklet "Hand Tool Safety—Guide to Selection and Proper Use" can be obtained from Hand Tools Institute, 25 North Broadway, Tarrytown, NY 10591.

Proper Use - Abuse/Misuse Of Railroad Track Tools

All railroad track tools, including Hot Cutters, Track Chisels, Crow Bars, Sledges, Picks, Spike Mauls, Spike Pullers and Wrenches have a specific use for a specific job.

Such tools are not to be abused and are not to be used for purposes other than their intended use. For example, railroad spike mauls are specifically intended to be used for driving railroad spikes only. Do not use a spike maul for grouser pin installation or removal. Uses of railroad track tools for other than their intended use can result in serious bodily injury.

Tools should be inspected before being used. Discard any striking or struck tool immediately at the first sign of chipping, mushrooming, or cracking. Never use a tool with a loose or damaged handle.

Safety goggles or equivalent eye protection conforming to American National Standard Practice for Occupational and Educational Eye and Face Protection, ANSI Z87.1-1979, should be worn by the user and all persons in the immediate area where any striking tool is being used, to avoid eye injury from flying objects.

A heavy striking-tool blow should always be struck squarely with the striking face parallel with the surface being struck. Always avoid glancing blows and over and under strikes.

No area, section, or portion of the striking tool shall be ground, welded, re-heat treated, or otherwise altered from the original condition as furnished by the manufacturer.

DO NOT EVER STRIKE THE HEEL OF A CLAW BAR WITH ANOTHER TOOL!

USE ONLY TO REMOVE SPIKE AFTER USING A SPIKE LIFTER FIRST TO FREE IT UP!

RECOMMENDED PUBLICATIONS

ON THE

USE OF RAILROAD TRACK TOOLS

If you are not familiar with the proper use of various railroad track tools, we urge you to read the latest edition of **The Track Cyclopedia**, which is compiled and edited in cooperation with the Association of American Railroads. Other recommended publications on the use of track tools are:

TRACK FOREMAN'S TRAINING PROGRAM — Lesson No. 3, "Track Tools and Basic Equipment"

TRACK FOREMAN'S TRAINING PROGRAM — Lesson No. 21, "Safety"

Meets Track Safety Standards Effective November 1, 1982.

The above and other important track educational material can be procured by writing:

The Railway Educational Bureau, 1809 Capitol Avenue, Omaha, NE 68102

The National Railroad Construction & Maintenance Association (NRC)

500 New Jersey Avenue NW, Suite 400, Washington, DC 20001 • website at www.nrcma.org

We also highly recommend **Safety Requirements for Heavy Striking Tools** published by A.N.S.I., which offers important safety instructions on the use of striking tools. This publication can be procured by writing:

American National Standards Institute, Inc., 1430 Broadway, New York, NY 10018

You can request additional information from The Hand Tools Institute, New York, NY 10017

TRACK TOOLS

Warwood Tool manufactures to American National Standards Institute, Inc. (A.N.S.I.) and to various American Railway Engineering Association Track Tool Specifications, as well as to a number of International Track Tool Specifications. Most of these items can be found in our Catalog and Price List. If ordering to American Railway Engineering Association Specifications, please designate on your order the plan and year number. If ordering to current Track Tool Specifications Warwood Tool Company recommends the usage of track tools to these latest AREMA Specifications if possible.

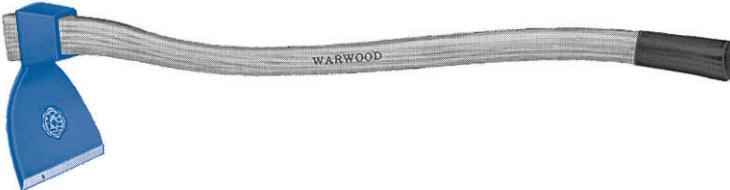
Plan Number	Description	Grades of Steel	Page	How to Specify in Warwood Numbers
1-02	Clay Pick	Carbon	9	No. 30, Plan 1 Carbon
2-02	Tamping Pick	Carbon	9	No. 2-T, Plan 2 Carbon
3-08	Spike Maul	Grade B Alloy	22	No. 3-T-A-B Alloy B Plan-3
4-13	Track Wrenches	Carbon	23	No. 4-T-SE Single End Plan 4 No. 4-T-DE Double End Plan 4
5-02	Lining Bars	Carbon	16/17	Nos. 160, 161 or 162 Pinch, Wedge, or Diamond Point Plan 5
6-02	Rail Tongs	Carbon	23	No. 6-T, Plan 6-02
7-10	Tie Tongs	Carbon	23	No. 7-T, Plan 7-93
8-10	Timber Tongs	Carbon	23	No. 8-T, Plan 8-93
9-10	Spike Puller	Carbon	23	No. 9-T, Plan 9-94
11-10	Claw Bar	Carbon	24	No. 163, Plan 11 -39, 11-62, 11-97
12-07	Track Adze	Carbon	8	No. 12-T Carbon, Plan 12
12-A-07	Carpenter Adze	Carbon	8	No. 12-T-C Carbon
13-08	Double Face Sledge	Grade B Alloy	15	No. 534-A-B Alloy B, Plan 13
14-02	Chisel End Tamping Bar	Carbon	21	No. 14-T Plan 14
17-08	Track Chisel	Grade B Alloy	24	No. 17-T-A-B Alloy B, Plan 17
18-11	Tie Plug Punch	Grade B Alloy	24	No. 18-T-A-B Alloy, Plan 18
19-11	Round Track Punch	Grade B Alloy	24	No. 19-T-A-B Alloy, Plan 19
35-08	Nut Cutter	Grade B Alloy	24	No. 17-T-A-B-S Alloy B, Plan 35

HELP AVAILABLE

Warwood Tool Company has inhouse people to help you interpret any and all of your railroad specifications. All inquiries can be promptly handled by faxing us at (304) 277-1420, by calling (304) 277-1414 or by email: sales@warwoodtool.com.

WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS

CAT. No.	PRODUCT	STOCK NO.	WT. EACH	NET
FH HFH	 <p>FOREST ADZE HOE Heads and Handles Packed Separately</p> <p>Head only—without handle (6$\frac{1}{4}$" Blade)..... Complete with 34" long hickory handle—packed separately..... Slip on handle only—34" ADZE Handle High Carbon Steel</p>	00060 00061 90015	4 $\frac{3}{4}$ lb. 4 $\frac{3}{4}$ lb. 1 $\frac{1}{2}$ lb.	

	ITEM	STOCK NO.	WT.	TOOL LGTH.	EYE No.	NET
	<p><i>Catalog No. 20</i> High Carbon Steel – Heat Treated</p> <p>Tool only with 36" Handle Slip on handle only.....</p>	02020 4 02021 1 90027 8	3 $\frac{1}{2}$ lb. 3 $\frac{1}{2}$ lb.	11 $\frac{1}{4}$ " 11 $\frac{1}{4}$ "	8 8	
	<p><i>Catalog No. 1</i> High Carbon Steel – Heat Treated</p> <p>Tool only 36" Handled Tool Tool only..... 36" Handled Tool Tool only..... 36" Handled Tool Slip on 36" handle only..... Slip on 36" handle only.....</p>	00110 00111 00120 00121 00130 00131 90020 90022*	3 lb.* 3 lb.* 5 lb. 5 lb. 6 lb. 6 lb. 2 $\frac{1}{4}$ lb. 1 $\frac{3}{4}$ lb.	13" 13" 15 $\frac{3}{4}$ " 15 $\frac{3}{4}$ " 16 $\frac{1}{2}$ " 16 $\frac{1}{2}$ "	7 7 6 6 6 6	
	<p><i>Catalog No. 2</i> High Carbon Steel – Heat Treated</p> <p>Tool only 36" Handled Tool Tool only..... 36" Handled Tool Slip on 36" handle only.....</p>	00210 00211 00220 00221 90020	5 lb. 5 lb. 6 lb. 6 lb. 2 $\frac{1}{4}$ lb.	19" 19" 20" 20"	6 6 6 6	
	<p><i>Catalog No. 12-T</i> (4"x9" Blade) High Carbon Steel – Heat Treated</p> <p>Tool only..... 34" Handled Tool Slip on 34" handle only.....</p>	01200 01201 90015	6 lb. 6 lb. 1 $\frac{1}{2}$ lb.	12" 12"	11 11	
	<p><i>Catalog No. 12-T-C</i> (5"x5$\frac{5}{8}$" Blade) High Carbon Steel – Heat Treated</p> <p>Tool only..... 34" Handled Tool Slip on 34" handle only.....</p>	01220 01221 90015	5 lb. 5 lb. 1 $\frac{1}{2}$ lb.	9 $\frac{1}{4}$ " 9 $\frac{1}{4}$ "	11 11	

"Protect Your Eyes; Wear Safety Goggles."
"All American Made Since 1854"

WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS

	ITEM	STOCK NO.	WT.	TOOL LGTH.	EYE No.	NET
	<p><i>Catalog No. 30</i> High Carbon Steel – Heat Treated</p> <p>Tool only..... 03010 5 lb. 21" 6</p> <p>36" Handled Tool 03011 5 lb. 21" 6</p> <p>Tool only..... 03020 6 lb. 23" 6</p> <p>36" Handled Tool 03021 6 lb. 23" 6</p> <p>Tool only AREMA PLAN 1-02 03030 7 lb. 25" 6</p> <p>36" Handled Tool 03031 7 lb. 25" 6</p> <p>Tool only..... 03040 8 lb. 26" 6</p> <p>36" Handled Tool 03041 8 lb. 26" 6</p> <p>Tool only..... 03050 9 lb. 27" 6</p> <p>36" Handled Tool 03051 9 lb. 27" 6</p> <p>Slip on 36" handle only..... 90020 2½ lb. 6</p>					
	<p><i>Catalog No. 32</i> High Carbon Steel – Heat Treated</p> <p>Tool only..... 03220 7 lb. 25" 6</p> <p>36" Handled Tool 03221 7 lb. 25" 6</p> <p>Slip on handle 90020 2½ lb. 6</p>					
	<p><i>Catalog No. 2-T</i> AREMA PLAN 2-02 High Carbon Steel – Heat Treated</p> <p>Tool only..... 02000 8 lb. 24½" 6</p> <p>36" Handled Tool 02001 8 lb. 24½" 6</p> <p>Slip on handle only..... 90020 2½ lb. 6</p>					
	<p><i>Catalog No. 40</i> High Carbon Steel – Heat Treated</p> <p>Tool only..... 04010 8 lb. 30" 6</p> <p>36" Handled Tool 04011 8 lb. 30" 6</p> <p>Slip on 36" handle only..... 90020 2½ lb. 6</p>					
	<p><i>Catalog No. 49</i> High Carbon Steel – Heat Treated</p> <p>Tool only..... 04910 4 lb. 21" 10</p> <p>36" Handled Tool 04911 4 lb. 21" 10</p> <p>Tool only..... 04920 5 lb. 25" 10</p> <p>36" Handled Tool 04921 5 lb. 25" 10</p> <p>36" Handle only 90013 2 lb. 10</p>					
	<p><i>Catalog No. 501</i> High Carbon Steel – Heat Treated</p> <p>Tool only..... 50130 3 lb. 17" 10</p> <p>36" Handled Tool 50131 3 lb. 17" 10</p> <p>Tool only..... 50140 3½ lb. 18" 10</p> <p>36" Handled Tool 50141 3½ lb. 18" 10</p> <p>36" Handle only 90013 2 lb. 10</p>					

WARWOOD TOOL COMPANY

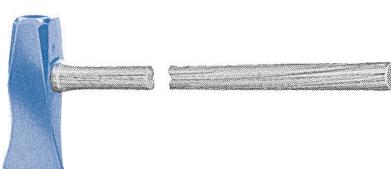
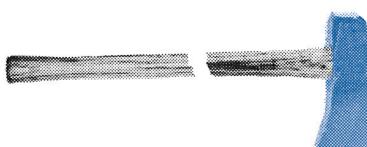
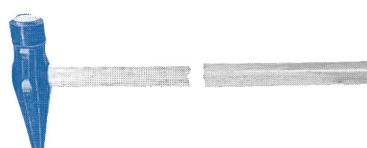
FORGED STEEL
HAND TOOLS

	ITEM	STOCK NO.	WT.	LGTH.	TOOL HEAD	NET
 NO. 80 SQUARE HEAD WEDGE	Catalog No. 80 High Carbon Steel	08010 08020 08030 08040 08050	3 lb. 4 lb. 5 lb. 6 lb. 8 lb.	7 1/2" 8 1/2" 9" 10" 11"	1 5/16" Sq. 1 3/8" Sq. 1 1/2" Sq. 1 1/4" Sq. 1 5/8" Sq.	
 NO. 95 EXPANSION WEDGE	Catalog No. 95 High Carbon Steel	09510	8 lb.	14"	1 1/2" x 1 1/4"	
 NO. 100 FALLING WEDGE	Catalog No. 100 High Carbon Steel	10010	5 lb.	10"	4 3/4"	
 NO. 400 JIMMY WEDGE	Catalog No. 400 High Carbon Steel	40010 40020	2 lb. 3 1/2 lb.	10" 14"	1/2" x 1 1/2" 1/2" x 2"	
 NO. 702 FOUNDRY WEDGE	Catalog No. 702 High Carbon Steel Unpainted	70210	3/4 lb.	6"	3/4" x 1 1/8" 1 1/8" BIT	
 NO. 703 JOINT BREAKING WEDGE	Catalog No. 703 High Carbon Steel	70300 70310 70320 70330	1/4 lb. 1/2 lb. 1/2 lb. 3/4 lb.	2" 3" 4" 6"	1/4" x 3/4" 5/16" x 7/8" 5/16" x 1 1/4" 1/2" x 1 1/4"	

"Protect Your Eyes; Wear Safety Goggles."
"All American Made Since 1854"

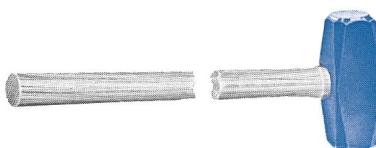
WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS

	ITEM	STOCK NO.	WT.	EYE SIZE	TOOL LGTH.	NET
	<p><i>Catalog No. H-121</i> High Carbon Steel – Heat Treated Tool only..... 32" Handled Tool..... Replacement Handle.....</p>	12110 12111 90002	6 lb. 6 lb. 1 3/4 lb.	1"x1 3/8" 1"x1 3/8"	8 1/2" 8 1/2"	
NO. H-121 WOOD CHOPPERS MAUL Oregon Oval Eye						
	<p><i>Catalog No. H-122</i> Double Bit Axe Eye High Carbon Steel – Heat Treated Tool only..... 32" Handled Tool..... Tool only..... 32" Handled Tool..... Replacement Handle.....</p>	12210 12211 12220 12221 90042	6 lb. 6 lb. 8 lb. 8 lb. 1 3/4 lb.	7/8"x2 1/8" 7/8"x2 1/8" 7/8"x2 1/8" 7/8"x2 1/8"	8 1/2" 8 1/2" 9 1/8" 9 1/8"	
NO. H-122 WOOD CHOPPERS MAUL Oregon Axe Eye						
	<p><i>Catalog No. H-123</i> High Carbon Steel – Heat Treated Tool only..... 32" Handled Tool..... 36" Safety Grip Handled Tool..... 34" Fiberglass Handled Tool..... Replacement Handle..... Replacement Fiberglass Handle..... 36" Safety Grip Handle.....</p>	12310 12311 12312 12315 90002 90024 90026	5 lb. 5 lb. 5 lb. 5 lb. 1 3/4 lb. 2 lb. 2 lb.	1"x1 3/8" 1"x1 3/8" 1"x1 3/8" 1"x1 3/8"	8 3/4" 8 3/4" 8 3/4" 8 3/4"	
NO. H-123 SHIP OR TOP MAUL						
	<p><i>Catalog No. H-124</i> High Carbon Steel – Heat Treated Tool only..... 10 1/2" Handled Tool..... Tool only..... 10 1/2" Handled Tool..... Tool only..... 10 1/2" Handled Tool..... Replacement Handle.....</p>	12410 12411 12420 12421 12430 12431 90010	2 lb. 2 lb. 3 lb. 3 lb. 4 lb. 4 lb. 1/2 lb.	5/8"x7/8" 5/8"x7/8" 3/4"x1" 3/4"x1" 3/4"x1" 3/4"x1"	3 1/2" 3 1/2" 4" 4" 4 1/2" 4 1/2"	
NO. H-124 SHORT HAND DRILLING HAMMER						
	<p><i>Catalog No. H-124-S</i> High Carbon Steel – Heat Treated Tool only..... 16" Handled Tool..... Replacement Handle.....</p>	12440 12441 90011	2 1/2 lb. 2 1/2 lb. 1/2 lb.	7/8"x1 1/4" 7/8"x1 1/4"	5" 5"	
NO. H-124-S DRIVING HAMMER CROSS PEIN						
	<p><i>Catalog No. H-124-SS</i> High Carbon Steel – Heat Treated Tool only..... 16" Handled Tool..... 16" Replacement Handle</p>	12450 12451 90011	3 1/2 lb. 3 1/2 lb. 1/2 lb.	7/8"x1 1/4" 7/8"x1 1/4"	6" 6"	
NO. H-124-SS DRIVING HAMMER STRAIGHT PEIN						

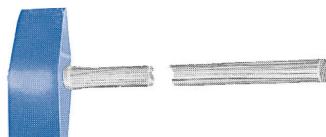
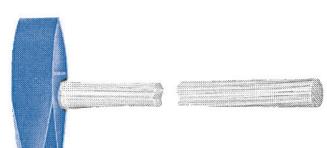
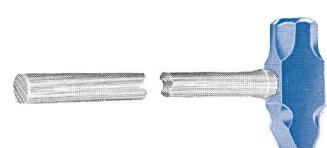
WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS

	ITEM	STOCK NO.	WT.	EYE SIZE	TOOL LGTH.	NET
	<p>Catalog No. H-124-TRG High Carbon Steel – Heat Treated Tool only..... 16" Handled Tool</p> <p>Replacement Handle.....</p>	12470 12471 90011	1 1/4 lb. 1 1/4 lb. 1/2 lb.	7/8" x 1 1/4" 7/8" x 1 1/4"	5" 5"	
NO. H-124-TRG DRILLING HAMMER						
	<p>Catalog No. H-126 High Carbon Steel – Heat Treated Tool only..... 16" Handled Tool</p> <p>Tool only..... 32" Handled Tool</p> <p>Tool only..... 32" Handled Tool</p> <p>Tool only..... 36" Handled Tool</p> <p>Replacement 16" Handle</p> <p>Replacement 32" Handle</p> <p>Replacement 36" Handle</p>	12620 12621 12630 12631 12640 12641 12660 12661 90007 90002 90003	4 lb. 4 lb. 6 lb. 6 lb. 8 lb. 8 lb. 12 lb. 12 lb. 1 lb. 1 3/4 lb. 2 lb.	3/4" x 1" 3/4" x 1" 1" x 1 3/8" 1" x 1 3/8"	5" 5" 5 3/8" 5 3/8" 6 1/4" 6 1/4" 7 1/4" 7 1/4"	
NO. H-126 SHORT STRIKING HAMMER Oregon Pattern						
	<p>Catalog No. H-127 High Carbon Steel – Heat Treated Tool only..... 16" Handled Tool</p> <p>Tool only..... 32" Handled Tool</p> <p>Tool only..... 32" Handled Tool</p> <p>Tool only..... 36" Handled Tool</p> <p>Tool only..... 36" Handled Tool</p> <p>Replacement 16" Handle</p> <p>Replacement 32" Handle</p> <p>Replacement 36" Handle</p>	12720 12721 12730 12731 12740 12741 12760 12761 12770 12771 90007 90002 90003	4 lb. 4 lb. 6 lb. 6 lb. 8 lb. 8 lb. 12 lb. 12 lb. 16 lb. 16 lb. 1 lb. 1 3/4 lb. 2 lb.	3/4" x 1" 3/4" x 1" 1" x 1 3/8" 1" x 1 3/8"	5 3/4" 5 3/4" 6 1/2" 6 1/2" 7 1/4" 7 1/4" 8" 8" 8 1/2" 8 1/2"	
NO. H-127 LONG STRIKING HAMMER Nevada Pattern						
	<p>16" Safety Grip Handled Tool</p> <p>32" Safety Grip Handled Tool</p> <p>32" Safety Grip Handled Tool</p> <p>36" Safety Grip Handled Tool</p> <p>Replacement 16" Safety Grip Handle..... Replacement 32" Safety Grip Handle..... Replacement 36" Safety Grip Handle.....</p>	12722 12732 12742 12762 90025 90040 90026	4 lb. 6 lb. 8 lb. 12 lb. 1 lb. 2 lb. 2 lb.	3/4" x 1" 1" x 1 3/8" 1" x 1 3/8" 1" x 1 3/8" 1" x 1 3/8"	5 3/4" 6 1/2" 7 1/4"	
	<p>16" Fiberglass Handled Tool..... 34" Fiberglass Handled Tool..... 34" Fiberglass Handled Tool..... 34" Fiberglass Handled Tool..... Replacement 16" Handle</p>	12725 12735 12745 12765 90023 90024	4 lb. 6 lb. 8 lb. 12 lb. 1 lb. 2 lb.	3/4" x 1" 1" x 1 3/8" 1" x 1 3/8" 1" x 1 3/8" 1" x 1 3/8"	5 3/4" 6 1/2" 7 1/4" 8"	

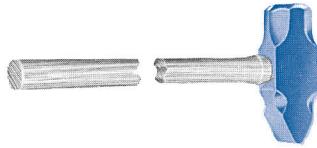
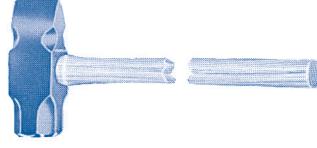
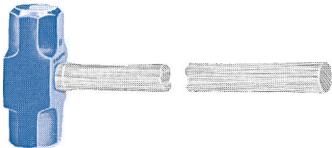
WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS

	ITEM	STOCK NO.	WT.	EYE SIZE	TOOL LGTH.	NET
	<p><i>Catalog No. H-128</i> High Carbon Steel – Heat Treated</p> <p>Tool only..... 12810 3 lb. $\frac{5}{8}^{\prime\prime} \times 1\frac{1}{8}^{\prime\prime}$ 16" Handled Tool 12811 3 lb. $\frac{5}{8}^{\prime\prime} \times 1\frac{1}{8}^{\prime\prime}$ Tool only..... 12820 4 lb. $\frac{5}{8}^{\prime\prime} \times 1\frac{1}{8}^{\prime\prime}$ 16" Handled Tool 12821 4 lb. $\frac{5}{8}^{\prime\prime} \times 1\frac{1}{8}^{\prime\prime}$ Tool only..... 12830 6 lb. $\frac{5}{8}^{\prime\prime} \times 1\frac{1}{8}^{\prime\prime}$ 16" Handled Tool 12831 6 lb. $\frac{5}{8}^{\prime\prime} \times 1\frac{1}{8}^{\prime\prime}$ Replacement Handle..... 90008 1 lb.</p>					
NO. H-128 MASON HAMMER						
	<p><i>Catalog No. H-129</i> High Carbon Steel – Heat Treated</p> <p>Tool only..... 12910 4 lb. $\frac{3}{4}^{\prime\prime} \times 1^{\prime\prime}$ 16" Handled Tool 12911 4 lb. $\frac{3}{4}^{\prime\prime} \times 1^{\prime\prime}$ Tool only..... 12930 8 lb. $1^{\prime\prime} \times 1\frac{3}{8}^{\prime\prime}$ 32" Handled Tool 12931 8 lb. $1^{\prime\prime} \times 1\frac{3}{8}^{\prime\prime}$ Replacement 16" Handle 90007 1 lb. Replacement 36" Handle 90003 2 lb.</p>					
NO. H-129 SPALLING HAMMER						
	<p><i>Catalog No. H-131</i> High Carbon Steel – Heat Treated</p> <p>Tool only 13110 6 lb. $1^{\prime\prime} \times 1\frac{3}{8}^{\prime\prime}$ 32" Handled Tool 13111 6 lb. $1^{\prime\prime} \times 1\frac{3}{8}^{\prime\prime}$ Tool only 13120 8 lb. $1^{\prime\prime} \times 1\frac{3}{8}^{\prime\prime}$ 32" Handled Tool 13121 8 lb. $1^{\prime\prime} \times 1\frac{3}{8}^{\prime\prime}$ Tool only 13140 12 lb. $1^{\prime\prime} \times 1\frac{3}{8}^{\prime\prime}$ 36" Handled Tool 13141 12 lb. $1^{\prime\prime} \times 1\frac{3}{8}^{\prime\prime}$ Tool only 13150 16 lb. $1^{\prime\prime} \times 1\frac{3}{8}^{\prime\prime}$ 36" Handled Tool 13151 16 lb. $1^{\prime\prime} \times 1\frac{3}{8}^{\prime\prime}$ Replacement 32" Handle 90002 $1\frac{1}{4}$ lb. Replacement 36" Handle 90003 2 lb.</p>					
NO. H-131 STONE SLEDGE						
	<p><i>Catalog No. H-132</i> High Carbon Steel – Heat Treated</p> <p>Tool only 13210 2 lb. $\frac{3}{4}^{\prime\prime} \times 1^{\prime\prime}$ 16" Handled Tool 13211 2 lb. $\frac{3}{4}^{\prime\prime} \times 1^{\prime\prime}$ Tool only 13220 $2\frac{1}{2}$ lb. $\frac{3}{4}^{\prime\prime} \times 1^{\prime\prime}$ 16" Handled Tool 13221 $2\frac{1}{2}$ lb. $\frac{3}{4}^{\prime\prime} \times 1^{\prime\prime}$ Tool only 13230 3 lb. $\frac{3}{4}^{\prime\prime} \times 1^{\prime\prime}$ 16" Handled Tool 13231 3 lb. $\frac{3}{4}^{\prime\prime} \times 1^{\prime\prime}$ Tool only 13240 4 lb. $\frac{3}{4}^{\prime\prime} \times 1^{\prime\prime}$ 16" Handled Tool 13241 4 lb. $\frac{3}{4}^{\prime\prime} \times 1^{\prime\prime}$ Tool only 13250 6 lb. $1^{\prime\prime} \times 1\frac{3}{8}^{\prime\prime}$ 32" Handled Tool 13251 6 lb. $1^{\prime\prime} \times 1\frac{3}{8}^{\prime\prime}$ Tool only 13260 8 lb. $1^{\prime\prime} \times 1\frac{3}{8}^{\prime\prime}$ 32" Handled Tool 13261 8 lb. $1^{\prime\prime} \times 1\frac{3}{8}^{\prime\prime}$ Tool only 13270 12 lb. $1^{\prime\prime} \times 1\frac{3}{8}^{\prime\prime}$ 36" Handled Tool 13271 12 lb. $1^{\prime\prime} \times 1\frac{3}{8}^{\prime\prime}$ Replacement 16" Handle 90007 1 lb. Replacement 32" Handle 90002 $1\frac{1}{4}$ lb. Replacement 36" Handle 90003 2 lb.</p>					
NO. H-132 CROSS PEIN SLEDGE						

WARWOOD TOOL COMPANY

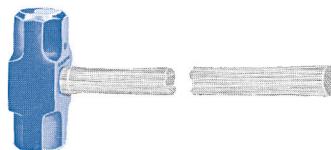
FORGED STEEL
HAND TOOLS

	ITEM	STOCK NO.	WT.	EYE SIZE	TOOL LGTH.	NET
	<i>Catalog No. H-132</i> 16" Safety Grip Handled Tool 16" Safety Grip Handled Tool 16" Safety Grip Handled Tool 16" Safety Grip Handled Tool 32" Safety Grip Handled Tool 32" Safety Grip Handled Tool 36" Safety Grip Handled Tool Replacement 16" Safety Grip Handle..... Replacement 36" Safety Grip Handle.....	13212 13222 13232 13242 13252 13262 13272 90025 90026	2 lb. 2½ lb. 3 lb. 4 lb. 6 lb. 8 lb. 12 lb. 1 lb. 2 lb.	¾"×1" ¾"×1" ¾"×1" ¾"×1" 1"×1½" 1"×1½" 1"×1½" 1"×1½" 1"×1½"	4½" 5" 5¼" 6" 6½" 7" 8" 4½" 5"	
NO. H-132 CROSS PEIN SLEDGE						
	<i>Catalog No. H-133</i> High Carbon Steel – Heat Treated Tool only..... 32" Handled Tool Tool only..... 36" Handled Tool Replacement 32" Handle	13310 13311 13340 13341 90002	8 lb. 8 lb. 12 lb. 12 lb. 1¾ lb.	1"×1½" 1"×1½" 1"×1½" 1"×1½" 1"×1½"	6" 6" 8" 8" 8"	
NO. H-133 STRAIGHT PEIN SLEDGE						
	<i>Catalog No. H-133</i> High Carbon Steel – Heat Treated Tool only..... 10½" Handled Tool Replacement 10½" Handle	13300 13301 90010	2 lb. 2 lb. ¾ lb.	¾"×1" ¾"×1"	5" 5"	
NO. H-133 STRAIGHT INSPECTOR'S HAMMER						
	<i>Catalog No. H-134</i> High Carbon Steel – Heat Treated Tool only 16" Handled Tool Tool only..... 16" Handled Tool Tool only..... 16" Handled Tool Tool only..... 16" Handled Tool Tool only..... 32" Handled Tool Tool only..... 36" Handled Tool Tool only..... 36" Handled Tool Tool only..... 36" Handled Tool Replacement 16" Handle Replacement 32" Handle Replacement 36" Handle Replacement 36" Handle	13410 13411 13420 13421 13430 13431 13440 13441 13450 13451 13460 13461 13470 13471 13480 13481 13490 13491 13400 13401 90007 90002 90003 90005*	2 lb. 2 lb. 2½ lb. 2½ lb. 3 lb. 3 lb. 4 lb. 4 lb. 6 lb. 6 lb. 8 lb. 8 lb. 10 lb. 10 lb. 12 lb. 12 lb. 16 lb. 16 lb. 20 lb.* 20 lb.* 1 lb. 1¾ lb. 2 lb. 2 lb.	¾"×1" ¾"×1" ¾"×1" ¾"×1" ¾"×1" ¾"×1" ¾"×1" ¾"×1" 1"×1½" 1"×1½" 1"×1½" 1"×1½" 1"×1½" 1"×1½" 1"×1½" 1"×1½" 1"×1½" 1"×1½" 1"×1½" 1"×1½" 1"×1½" 1"×1½" 1"×1½" 1"×1½" 1"×1½" 1"×1½"	4¼" 4¼" 4½" 4½" 4¾" 4¾" 5¼" 5¼" 6" 6" 6½" 6½" 7" 7" 7½" 7½" 8¼" 8¼" 8¾" 8¾" 8¾"	
NO. H-134 DOUBLE FACE SLEDGE						

"Protect Your Eyes; Wear Safety Goggles."
"All American Made Since 1854"

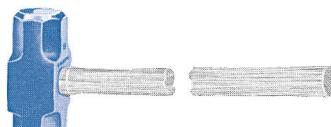
WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS



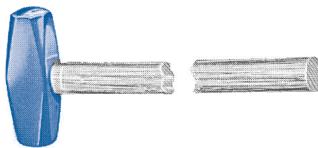
**NO. H-134
DOUBLE FACE SLEDGE**

ITEM	STOCK NO.	WT.	EYE SIZE	TOOL LGTH.	NET
<i>Catalog No. H-134</i>					
16" Safety Grip Handled Tool	13412	2 lb.	3/4"X1"	4 1/4"	
16" Safety Grip Handled Tool	13422	2 1/2 lb.	3/4"X1"	4 1/2"	
16" Safety Grip Handled Tool	13432	3 lb.	3/4"X1"	4 3/4"	
16" Safety Grip Handled Tool	13442	4 lb.	3/4"X1"	5 1/4"	
32" Safety Grip Handled Tool	13452	6 lb.	1"X1 3/8"	6"	
32" Safety Grip Handled Tool	13462	8 lb.	1"X1 3/8"	6 1/2"	
36" Safety Grip Handled Tool	13472	10 lb.	1"X1 3/8"	7"	
36" Safety Grip Handled Tool	13482	12 lb.	1"X1 3/8"	7 1/2"	
36" Safety Grip Handled Tool	13492	16 lb.	1"X1 3/8"	8 1/4"	
Replacement 16" Safety Grip Handle.....	90025	1 lb.			
Replacement 32" Safety Grip Handle.....	90040	2 lb.			
Replacement 36" Safety Grip Handle.....	90026	2 lb.			
<i>16" Fiberglass Handled Tool.....</i>	<i>13415</i>	<i>2 lb.</i>	<i>3/4"X1"</i>	<i>4 1/2"</i>	
<i>16" Fiberglass Handled Tool.....</i>	<i>13425</i>	<i>2 1/2 lb.</i>	<i>3/4"X1"</i>	<i>4 1/4"</i>	
<i>16" Fiberglass Handled Tool.....</i>	<i>13435</i>	<i>3 lb.</i>	<i>3/4"X1"</i>	<i>4 3/4"</i>	
<i>16" Fiberglass Handled Tool.....</i>	<i>13445</i>	<i>4 lb.</i>	<i>3/4"X1"</i>	<i>5 1/4"</i>	
<i>34" Fiberglass Handled Tool.....</i>	<i>13455</i>	<i>6 lb.</i>	<i>1"X1 3/8"</i>	<i>6"</i>	
<i>34" Fiberglass Handled Tool.....</i>	<i>13465</i>	<i>8 lb.</i>	<i>1"X1 3/8"</i>	<i>6 1/2"</i>	
<i>34" Fiberglass Handled Tool.....</i>	<i>13475</i>	<i>10 lb.</i>	<i>1"X1 3/8"</i>	<i>7"</i>	
<i>34" Fiberglass Handled Tool.....</i>	<i>13485</i>	<i>12 lb.</i>	<i>1"X1 3/8"</i>	<i>8"</i>	
<i>34" Fiberglass Handled Tool.....</i>	<i>13495</i>	<i>16 lb.</i>	<i>1"X1 3/8"</i>	<i>8 1/4"</i>	
<i>34" Fiberglass Handled Tool.....</i>	<i>13405</i>	<i>20 lb.</i>	<i>1 1/4"X1 1/2"</i>	<i>8 3/4"</i>	
Replacement 16" Fiberglass Handle.....	90023	3/4 lb.			
Replacement 34" Fiberglass Handle	90024	2 lb.			
<i>Catalog No H-534-AB</i>					
Grade B Alloy Steel – Heat Treated					
Tool only.....	53310	2 lb.	3/4"X1"	4 1/4"	
16" Handled Tool	53311	2 lb.	3/4"X1"	4 1/4"	
Tool only.....	53400	3 lb.	3/4"X1"	4 3/4"	
16" Handled Tool	53401	3 lb.	3/4"X1"	4 3/4"	
Tool only.....	53410	4 lb.	3/4"X1"	5 1/4"	
16" Handled Tool	53411	4 lb.	3/4"X1"	5 1/4"	
Tool only.....	53420	6 lb.	1"X1 3/8"	6"	
32" Handled Tool	53421	6 lb.	1"X1 3/8"	6"	
Tool only.....	53430	8 lb.	1"X1 3/8"	6 1/2"	
32" Handled Tool	53431	8 lb.	1"X1 3/8"	6 1/2"	
Tool only.....	53440	10 lb.	1"X1 3/8"	7"	
36" Handled Tool	53441	10 lb.	1"X1 3/8"	7"	
Tool only.....	53450	12 lb.	1"X1 3/8"	7 1/2"	
36" Handled Tool	53451	12 lb.	1"X1 3/8"	7 1/2"	
Tool only.....	53460	16 lb.	1"X1 3/8"	8 1/4"	
36" Handled Tool	53461	16 lb.	1"X1 3/8"	8 1/4"	
Replacement 16" Handle	90007	1 lb.			
Replacement 32" Handle	90002	1 3/4 lb.			
Replacement 36" Handle	90003	2 lb.			
16" Safety Grip Handled Tool	53312	2 lb.	3/4"X1"	4 1/4"	
16" Safety Grip Handled Tool	53402	3 lb.	3/4"X1"	4 3/4"	
16" Safety Grip Handled Tool	53412	4 lb.	3/4"X1"	5 1/4"	
32" Safety Grip Handled Tool	53422	6 lb.	1"X1 3/8"	6"	
32" Safety Grip Handled Tool	53432	8 lb.	1"X1 3/8"	6 1/2"	
36" Safety Grip Handled Tool	53442	10 lb.	1"X1 3/8"	7"	
36" Safety Grip Handled Tool	53452	12 lb.	1"X1 3/8"	7 1/2"	
36" Safety Grip Handled Tool	53462	16 lb.	1"X1 3/8"	8 1/4"	
Replacement 16" Safety Grip Handle.....	90025	1 lb.			
Replacement 32" Safety Grip Handle.....	90040	2 lb.			
Replacement 36" Safety Grip Handle.....	90026	2 lb.			
16" Fiberglass Handled Tool.....	53315	2 lb.	3/4"X1"	4 1/4"	
16" Fiberglass Handled Tool.....	53405	3 lb.	3/4"X1"	4 3/4"	
16" Fiberglass Handled Tool.....	53415	4 lb.	3/4"X1"	5 1/4"	
34" Fiberglass Handled Tool.....	53425	6 lb.	1"X1 3/8"	6"	
34" Fiberglass Handled Tool.....	53435	8 lb.	1"X1 3/8"	6 1/2"	
34" Fiberglass Handled Tool.....	53445	10 lb.	1"X1 3/8"	7"	
34" Fiberglass Handled Tool.....	53455	12 lb.	1"X1 3/8"	7 1/2"	
34" Fiberglass Handled Tool.....	53465	16 lb.	1"X1 3/8"	8 1/4"	
Replacement 16" Fiberglass Handle	90023	3/4 lb.			
Replacement 34" Fiberglass Handle	90024	2 lb.			



NO. H-534-AB
Grade B Alloy
American Railway Association
Grade B Alloy Steel
AREMA PLAN13-08
with Contour Ground Faces

WARWOOD TOOL COMPANY

ITEM	STOCK NO.	WT.	EYE SIZE	TOOL LGTH.	NET
					
<i>Catalog No. H-136</i> High Carbon Steel – Heat Treated Tool only.....	13610	3 lb.	3/4"x1"		5 3/4"
16" Handled Tool	13611	3 lb.	3/4"x1"		5 3/4"
Tool only.....	13620	4 lb.	3/4"x1"		6 1/4"
16" Handled Tool	13621	4 lb.	3/4"x1"		6 1/4"
Tool only.....	13630	6 lb.	1"x1 3/8"	6 3/4"	
32" Handled Tool	13631	6 lb.	1"x1 3/8"	6 3/4"	
Replacement 16" Handle	90007	1 lb.			
Replacement 32" Handle	90002	1 3/4 lb.			
<i>16" Safety Grip Handled Tool</i>	13612	3 lb.	3/4"x1"		5 1/4"
<i>16" Safety Grip Handled Tool</i>	13622	4 lb.	3/4"x1"		6 1/4"
<i>32" Safety Grip Handled Tool</i>	13632	6 lb.	1"x1 3/8"		6 3/4"
Replacement 16" Safety Grip Handle.....	90025	1 lb.			
Replacement 32" Safety Grip Handle.....	90040	2 lb.			

ITEM	STOCK NO.	WT.	TOOL LGTH.	STOCK	NET
					
<i>Catalog No. 157</i> High Carbon Steel	15770	3 1/4 lb.	27"	3/4" Rnd.	

	<i>Catalog No. 158</i> High Carbon Steel	15810 15820 15830 15840 15850 15860 15870 15880 15848 15875 15885	3/4 lb. 1 1/2 lb. 3 lb. 3 1/4 lb. 5 1/2 lb. 6 1/2 lb. 8 lb. 10 3/4 lb. 14 lb. 10 lb. 12 3/4 lb.	13 1/2" 16" 24" 26" 30" 36" 36" 48" 60" 44" 55"	1/2" Rnd. 5/8" Hex 3/4" Hex 3/4" Hex 7/8" Hex 7/8" Hex 1" Hex 1" Hex 1" Hex 1" Hex 1" Hex
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	<i>Catalog No. 159</i> High Carbon Steel	15910 15920 15930 15940 15950 15960 15970 15980	3/4 lb. 1 1/2 lb. 3 lb. 3 1/4 lb. 5 1/2 lb. 6 1/2 lb. 8 lb. 10 3/4 lb.	14" 16" 24" 26" 30" 36" 36" 48"	1/2" Rnd. 5/8" Hex 3/4" Hex 3/4" Hex 7/8" Hex 7/8" Hex 1" Hex 1" Hex
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	<i>Catalog No. 160</i> High Carbon Steel	16010 16020 16030 16040 16050 16060 16070 16080 16090	3 lb. 6 lb. 10 lb. 12 lb. 14 lb. 16 lb. 18 lb. 22 lb. 26 lb.	29" 36" 48" 51" 54" 57" 60" 63" 66"	3/4" Sq. 7/8" Sq. 1" Sq. 1 1/8" Sq. 1 1/8" Sq. 1 1/4" Sq. 1 1/4" Sq. 1 3/8" Sq. 1 1/2" Sq.
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WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS

	ITEM	STOCK NO.	WT.	TOOL LGTH.	STOCK	NET
	Catalog No. 161 High Carbon Steel	16110 16120 16130 16140 16150 16160 16170 16180 16190	3 lb. 6 lb. 10 lb. 12 lb. 14 lb. 16 lb. 18 lb. 22 lb. 26 lb.	29" 36" 48" 51" 54" 57" 60" 63" 66"	3/4" Sq. 7/8" Sq. 1" Sq. 1 1/8" Sq. 1 1/8" Sq. 1 1/4" Sq. 1 1/4" Sq. 1 3/8" Sq. 1 1/2" Sq.	
NO. 161 WEDGE POINT CROW BAR						
	Catalog No. 162 High Carbon Steel	16210 16220 16230	18 lb. 22 lb. 26 lb.	60" 63" 66"	1 1/4" Sq. 1 3/8" Sq. 1 1/2" Sq.	
NO. 162 DIAMOND POINT LINING BAR						
	Catalog No. 164 High Carbon Steel Pencil Point	16400 16410 16430 16460	21 lb. 28 lb. 24 lb. 19 lb.	6' 8' 7' 5'	1 1/8" Hex 1 1/8" Hex 1 1/8" Hex 1 1/8" Hex	
NO. 164 TELEGRAPH LINING BAR						
	Catalog No. SP-164 High Carbon Steel Round Point	26410 26420 26440 26450 26460	11 lb. 13 lb. 14 lb. 17 lb. 20 lb.	5' 6' 5' 6' 7'	7/8" Hex 7/8" Hex 1" Hex 1" Hex 1" Hex	
NO. SP-164 SAN ANGELO DIGGING BAR						
	Catalog No. 164-B High Carbon Steel	16405 16465 16466 16412	7 1/2 lb. 15 lb. 22 1/2 lb. 30 lb.	2' 4' 6' 8'	1 1/8" Hex 1 1/8" Hex 1 1/8" Hex 1 1/8" Hex	
NO. 164-B BLUNT END DIGGING BAR						
	Catalog No. 165 High Carbon Steel	16500 16510 16520 16530	13 lb. 17 lb. 23 lb. 25 1/2 lb.	4 1/2' 6' 8' 9'	1" Rnd. 1" Rnd. 1" Rnd. 1" Rnd.	
NO. 165 POST HOLE DIGGER & TAMPING BAR						
	Catalog No. 166 High Carbon Steel	16610 16620 16630 16640 16650 16660 16670 16690	1 lb. 2 lb. 3 1/2 lb. 4 1/4 lb. 5 1/4 lb. 7 1/2 lb. 12 1/2 lb. 14 lb.	12" 18" 24" 30" 36" 36" 48" 60"	1/2" Hex 5/8" Hex 3/4" Hex 3/4" Hex 3/4" Hex 7/8" Hex 1" Hex 1" Hex	
NO. 166 WARWOOD STANDARD WRECKING BAR						
	Catalog No. 166-C2 High Carbon Steel	16632 16642 16652	3 1/2 lb. 4 1/4 lb. 5 1/4 lb.	24" 30" 36"	3/4" Hex 3/4" Hex 3/4" Hex	
NO. 166-C2 WARWOOD DOUBLE CLAW WRECKING BAR						

WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS

	ITEM	STOCK NO.	WT.	TOOL LGTH.	STOCK	NET
	<i>Catalog No. 167</i> With Rubber Grip	16750	1 lb.	9"	5/8" Rnd.	
	<i>Catalog. No 168</i> High Carbon Steel – Heat Treated	16820 16830 16840 16850 16860 16890	3½ lb. 4¼ lb. 5¼ lb. 7½ lb. 12½ lb. 14 lb.	24" 30" 36" 36" 48" 60"	¾" Hex ¾" Hex ¾" Hex 7/8" Hex 1" Hex 1" Hex	
	<i>Catalog No. 169</i> High Carbon Steel Diamond Point	16910	18 lb.	60"	1 1/8" Hex	
	<i>Catalog No. 170</i> High Carbon Steel	17010	26 lb.	66"	1 1/2" RCS	
	<i>Catalog No. 171</i> High Carbon Steel	17100	1 lb.	16"	9/16" Rnd.	
	<i>Catalog No. 172</i> High Carbon Steel	17210 17220 17230 17240 17250 17260	5¼ lb. 8½ lb. 12½ lb. 12½ lb. 18 lb. 16 lb.	36" 42" 48" 48" 72" 60"	¾" Hex 7/8" Hex 1" Hex 7/8" Hex 1" Hex 1" Hex	

WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS

	ITEM	STOCK NO.	WT.	TOOL LGTH.	STOCK	NET
 NO. 173 STRIPPING BAR DOUBLE CHISEL ENDS	Catalog No. 173 High Carbon Steel	17310 17320 17330 17350 17355 17360	5 1/4 lb. 8 1/2 lb. 12 1/2 lb. 12 1/2 lb. 16 lb. 18 lb.	36" 42" 48" 48" 60" 72"	3/4" Hex 7/8" Hex 1" Hex 7/8" Hex 1" Hex 1" Hex	
 NO. 174 BUGGY BAR	Catalog No. 174 High Carbon Steel	17430	4 1/4 lb.	30"	3/4" Hex	
 NO. 175 STRAIGHT PINCH BAR	Catalog No. 175 High Carbon Steel	17510	3/4 lb.	11 7/8"	9/16" Rnd.	
 NO. 176 WAREHOUSE LOADING or JIMMY BAR	Catalog No. 176 High Carbon Steel Rat Tail	17610 17620 17625 17630	14 lb. 18 lb. 22 lb. 26 lb.	54" 60" 63" 66"	1 1/8" Sq. 1 1/4" Sq. 1 5/8" Sq. 1 1/2" Sq.	
 NO. 191 DOUBLE CLAW CARPENTER BAR	Catalog No. 191 High Carbon Steel	19110	3 1/2 lb.	24"	3/4" Hex	
 NO. 277 PRY BAR	Catalog No. 277 High Carbon Steel	27706	3/4 lb.	12"	1/2" Hex	
 NO. 352 CHISEL BAR	Catalog No. 352 High Carbon Steel	35204 35210 35215 35230 35240 35250	2 1/2 lb. 2 1/2 lb. 3 1/2 lb. 9 lb. 30 lb. 12 1/2 lb.	18" 18" 27" 36" 10' 51"	3/4" Hex 5/8" Hex 3/4" Rnd. 1" Hex 1" Hex 5/8" Hex	

WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS

	ITEM	STOCK NO.	WT.	TOOL LGTH.	STOCK	NET
 NO. 510 SLATE BAR	<i>Catalog No. 510 High Carbon Steel Diamond Point</i>	51005 51010 51020 51030 51045	8 lb. 11 lb. 12½ lb. 14 lb. 17 lb.	3' 4' 4½' 5' 6'	1" Hex 1" Hex 1" Hex 1" Hex 1" Hex	
 NO. 510 - B BLUNT END CHISEL SLATE BAR	<i>Catalog No. 510-B High Carbon Steel</i>	51092	13 lb.	6'	7/8" Hex	
 NO. 511 MINE PINCH BAR	<i>Catalog No. 511 High Carbon Steel Blunt End</i>	51110	14 lb.	4½'	1 1/8" Sq.	
 NO. 513 SHIP SCRAPER/DOUBLE END SCRAPERS	<i>Catalog No. 513 High Carbon Steel</i>	51310	1 lb.	15"	1/4" x 1"	
				Paint & Scale Removing		
 NO. 514 TRUCKMANS BENT CHISEL SLATE BAR	<i>Catalog No. 514 High Carbon Steel Diamond Point</i>	51410 51420 51430 51440 51450	11 lb. 12½ lb. 14 lb. 18 lb. 21 lb.	48" 54" 60" 60" 72"	1" Hex 1" Hex 1" Hex 1 1/4" Hex 1 1/4" Hex	
 NO. 515 CONNECTING BAR	<i>Catalog No. 515 High Carbon Steel Round Point</i>	51510 51520 51530 51540 51560	4 lb. 5 lb. 7 lb. 11 lb. 18 lb.	30" 30" 36" 48" 60"	3/4" Hex 7/8" Hex 7/8" Hex 1" Hex 1" Hex	
 NO. 516 CONSTRUCTION STRAIGHT CHISEL SLATE BAR	<i>Catalog No. 516 High Carbon Steel Diamond Point</i>	51610 51620 51630 51640 51650 51655 51660	12½ lb. 14 lb. 18 lb. 19 lb. 21 lb. 21 lb. 21 lb.	52½" 60" 60" 60" 72" 72" 72"	1" Hex 1" Hex 1 1/8" Hex 1 1/4" Hex 1" Hex 1 1/4" Hex 1 1/8" Hex	

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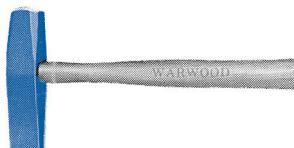
WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS

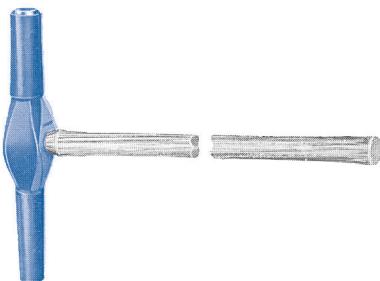
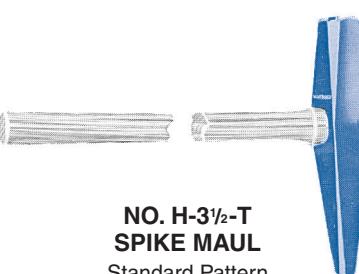
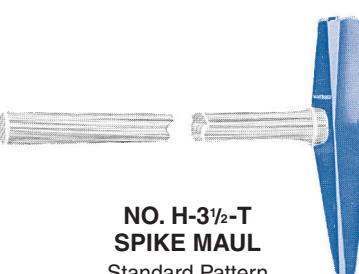
	ITEM	STOCK NO.	WT.	TOOL LGTH.	STOCK	NET
	Catalog No. 550 High Carbon Steel	55010 55020 55030 55040	A=3" Point B=6" Point 14 lb. A 14 lb. B 17 lb. A 17 lb. B	60" 60" 72" 72"	1" Hex 1" Hex 1" Hex 1" Hex	
NO. 550 PEERLESS or PENCIL POINT BAR						
	Catalog No. 561 High Carbon Steel	56110 56120 56130	11 lb. 14 lb. 17 lb.	4' 5' 6'	1" Hex 1" Hex 1" Hex	
NO. 561 WAREHOUSE BAR OFFSET STRAIGHT SMALL CHISEL						
	Catalog No. 661 High Carbon Steel	66110 66120	1 3/4 lb. 4 lb.	18" 30"	5/8" Hex 3/4" Hex	
NO. 661 DIE SETTING UP U-SHAPED PRY BAR						
	Catalog No. 14-T High Carbon Steel AREMA Plan 14-02	01400	15 lb.	61"	Shaft 7/8" Dia. Rnd.	
NO. 14-T CHISEL END TAMPING BAR						
	Catalog 444 High Carbon Steel 90° Turn of Handle	44410 44420 44425 44430 44440 44450 44460	2 3/4 lb. 3 lb. 3 1/2 lb. 4 lb. 4 1/2 lb. 4 3/4 lb. 6 lb.	18" 26" 30" 36" 26" 30" 36"	5/8" Hex 5/8" Hex 5/8" Hex 5/8" Hex 3/4" Hex 3/4" Hex 3/4" Hex	
NO. 444 PULLER HOOK BAR						
	Catalog No. 454 High Carbon Steel Tool Lays Flat	45410 45420 45425 45430 45440 45450 45460	2 3/4 lb. 3 lb. 3 1/2 lb. 4 lb. 4 1/2 lb. 4 3/4 lb. 6 lb.	18" 26" 30" 36" 26" 30" 36"	5/8" Hex 5/8" Hex 5/8" Hex 5/8" Hex 3/4" Hex 3/4" Hex 3/4" Hex	
NO. 454 MANHOLE COVER LIFTERS						

WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS

	ITEM	STOCK NO.	WT.	TOOL SIZE	NET
	<p>Catalog No H-455 Heat Treated Tool only..... 16" Handled Tool</p> <p>Tool only..... 24" Handled Tool</p> <p>Replacement 16" Handle</p> <p>Replacement 24" Handle</p>	45520 45521 45530 45531 90007 90009	3 lb. 3 lb. 5 lb. 5 lb. 1 lb. 1½ lb.	Bit 2" Bit 2" Bit 2¼" Bit 2¼"	
NO. H-455 HOT CUTTING CHISEL					
	<p>Catalog No. H-456 Heat Treated Tool only..... 16" Handled Tool</p> <p>Tool only..... 16" Handled Tool</p> <p>Tool only..... 24" Handled Tool</p> <p>Replacement 16" Handle</p> <p>Replacement 24" Handle</p>	45610 45611 45620 45621 45630 45631 90007 90009	2 lb. 2 lb. 3 lb. 3 lb. 5 lb. 5 lb. 1 lb. 1½ lb.	Bit 1¼" Bit 1¼" Bit 1½" Bit 1½" Bit 1¾" Bit 1¾" Bit 1¾"	
NO. H-456 COLD CUTTING CHISEL					

Railroad Track Maintenance Tools

	ITEM	STOCK NO.	WT.	EYE SIZE	TOOL LGTH.	NET
	<p>Catalog No. H-3-T Bell Pattern High Carbon Steel – Heat Treated Tool only..... 36" Handled Tool</p> <p>34" Fiberglass Handled Tool..... Tool only..... 36" Handled Tool</p> <p>34" Fiberglass Handled Tool..... Replacement 36" Handle</p> <p>Replacement 34" Fiberglass Handle</p>	00300 00301 00305 00320 00321 00325 90003 90024	10 lb. 10 lb. 10 lb. 8 lb. 8 lb. 8 lb. 2 lb. 2 lb.	1"×1¾" 1"×1¾" 1"×1¾" 1"×1¾" 1"×1¾" 1"×1¾" 1"×1¾" 1"×1¾"	15" 15" 15" 12" 12" 12" 12" 12"	
NO. H-3-T SPIKE MAUL Bell Pattern						
	<p>36" Safety Grip Handled Tool</p> <p>36" Safety Grip Handled Tool</p> <p>Replacement 36" Safety Grip Handle.....</p>	00302 00322 90026	10 lb. 8 lb. 2 lb.	1"×1¾" 1"×1¾" 	15" 12"	
NO. H-3-T-AB Grade Alloy 1¼" and 1⅝" Face						
	<p>Catalog No. H-3-T-AB Grade B Alloy Steel Tool only..... 36" Handled Tool</p> <p>34" Fiberglass Handled Tool..... AREMA PLAN 3-08 Replacement 36" Handle</p> <p>Replacement 34" Fiberglass Handle</p>	50360 50361 50365 90003 90024	10 lb. 10 lb. 10 lb. 2 lb. 2 lb.	1"×1¾" 1"×1¾" 1"×1¾" 	15" 15" 15"	
NO. H-3½-T SPIKE MAUL Standard Pattern						

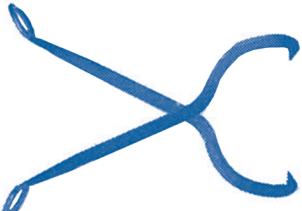
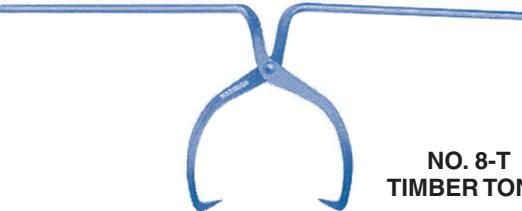
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WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS

ITEM	STOCK NO.	BOLT SIZE	JAW OPENING	NET
<i>Catalog No. 4-T-DE High Carbon Steel AREMA PLAN 4-13</i> CALL FOR NUT SIZE	41010 41020 41030 41040 41050	3/4" & 7/8" 7/8" & 1" 1" & 1 1/8" 1 1/8" & 1 1/4" 1 1/4" & 1 3/8"	1 5/16" & 1 1/2" 1 1/2" & 1 11/16" 1 11/16" & 1 7/8" 1 7/8" & 2 1/16" 2 1/16" & 2 1/4"	

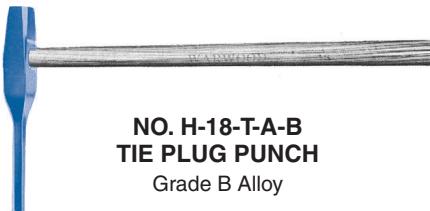
	<i>Catalog No. 4-T-SE High Carbon Steel AREMA PLAN 4-13</i> CALL FOR NUT SIZE	42010 42020 42030 42040 42050 42060	3/4" 7/8" 1" 1 1/8" 1 1/4" 1 3/8"	1 5/16" 1 1/2" 1 11/16" 1 7/8" 2 1/16" 2 1/4"
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ITEM	STOCK NO.	WT.	NET
 NO. 6-T RAIL TONG	<i>Catalog No. 6-T AREMA PLAN 6-02</i> Distance across handles 44"	00600 Max jaw opening 3 3/4"	18 lb.
 NO. 7-T TIE TONG	<i>Catalog No. 7-T One-Man Type AREMA PLAN 7-10</i>	00700 Max jaw opening 15 1/2" 29" Length	10 lb.
 NO. 8-T TIMBER TONG	<i>Catalog No. 8-T Two-Man Type AREMA PLAN 8-10</i> Distance across handles 41 3/4"	00800 Max jaw opening 15 1/2"	12 lb.

ITEM	STOCK NO.	WT.	JAW OPENING	NET
 NO. 9-T SPIKE PULLER - 4 BALL	<i>Catalog No. 9-T High Carbon Steel AREMA PLAN 9-10</i> 4 Ball	09000 12" Length	2 1/2 lb. 3/4"	

WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS

	ITEM	STOCK NO.	WT.	SIZE	NET
	<p><i>Catalog No. H-17-T-A-B</i> Grade B Alloy Steel AREMA PLAN 17-08 Tool only..... 24" Handled Tool Non Slip Grip 36" Handle Replacement 24" Handle Replacement 36" Non Slip Grip</p>	<p>51700 51701 51702 90009 90030</p>	<p>5½ lb. 5½ lb. 5½ lb. 1½ lb. 2 lb.</p>		
NO. H-17-T-A-S-B NUT CUTTER Grade B Alloy	<i>Catalog No. H-17-T-A-S-B</i> Grade B Alloy Steel AREMA PLAN 35-08 Tool only..... 24" Handled Tool Replacement 24" Handle	<p>51710 51711 90009</p>	<p>5½ lb. 5½ lb. 1½ lb.</p>		
	<p><i>Catalog No. H-18-T-A-B</i> Grade B Alloy Steel AREMA PLAN 18-11 Tool only..... 24" Handled Tool 36" Handled Tool Replacement 24" Handle Replacement 36" Handle</p>	<p>21800 21801 21802 90009 90003</p>	<p>5 lb. 5 lb. 5 lb. 1½ lb. 2 lb.</p>	<p>½" Sq. ½" Sq. ½" Sq.</p>	
	<p><i>Catalog No. H-19-T-A-B</i> Grade B Alloy Steel AREMA PLAN 19-11 Tool only..... 24" Handled Tool 36" Handled Tool Replacement 24" Handle Replacement 36" Handle</p>	<p>21900 21901 21902 90009 90003</p>	<p>7½ lb. 7½ lb. 7½ lb. 1½ lb. 2 lb.</p>	<p>11/16" Dia. 11/16" Dia. 11/16" Dia.</p>	

	ITEM	STOCK NO.	WT.	TOOL LGTH.	AREA OR AREMA PLAN	NET
	<p><i>Catalog No. 163</i> High Carbon Steel – Heat Treated</p>	<p>16310 16320 16330</p>	<p>27 lb. 27 lb. 27 lb.</p>	<p>60"</p>	<p>11-39</p>	
AREA PLAN 11-39 PLAN-A					<i>Above Have 7/8" Slot Size</i>	
	<p><i>Catalog No. 263</i> High Carbon Steel – Heat Treated</p>	<p>26360</p>	<p>24 lb.</p>	<p>57"</p>		
AREMA PLAN 11-10 PLAN C	<p>Claw Bar for Mini Railroad Spikes</p>	<p>26375</p>	<p>24 lb.</p>	<p>57"</p>	<p>Slot Size 3/8"x2 1/2" or larger</p>	
					<p>Slot Size 1/2"x4" Spikes</p>	

	ITEM	STOCK NO.	WT.	TOOL LGTH.	STOCK	NET
	<p><i>Catalog No. 166-SW</i> High Carbon Steel</p>	<p>16680</p>	<p>4½ lb.</p>	<p>36"</p>	<p>¾" Hex</p>	

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WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS

	ITEM	STOCK NO.	BOLT SIZE	JAW OPENING	NET
	<i>Catalog No. 301</i> High Carbon Steel – Heat Treated	30120 30130 30140 30150 30160	$\frac{1}{2}$ " $\frac{5}{8}$ " $\frac{3}{4}$ " $\frac{7}{8}$ " 1"	$1\frac{3}{16}$ " 1" $1\frac{1}{8}$ " $1\frac{5}{16}$ " $1\frac{1}{2}$ "	
NO. 301 CONSTRUCTION WRENCH NO. 302-H HEAVY	<i>Catalog No. 302-H</i> Heavy High Carbon Steel – Heat Treated	30230 30240 30250 30260	$\frac{5}{8}$ " $\frac{3}{4}$ " $\frac{7}{8}$ " 1"	$1\frac{1}{16}$ " $1\frac{1}{4}$ " $1\frac{7}{16}$ " $1\frac{5}{8}$ "	

	ITEM	STOCK NO.	WT.	SIZE	NET
	<i>Catalog No. H-324</i> High Carbon Steel – Heat Treated Tool only..... 16" Handled Tool	32410	1 lb.	$\frac{3}{8}$ " Dia.	
	Tool only..... 16" Handled Tool	32411	1 lb.	$\frac{3}{8}$ " Dia.	
	Tool only..... 16" Handled Tool	32420	$1\frac{3}{4}$ lb.	$\frac{1}{2}$ " Dia.	
	Tool only..... 16" Handled Tool	32421	$1\frac{3}{4}$ lb.	$\frac{1}{2}$ " Dia.	
	Tool only..... 16" Handled Tool	32430	2 lb.	$\frac{5}{8}$ " Dia.	
	Tool only..... 16" Handled Tool	32431	2 lb.	$\frac{5}{8}$ " Dia.	
	Tool only..... 16" Handled Tool	32440	$2\frac{1}{2}$ lb.	$\frac{3}{4}$ " Dia.	
	Tool only..... 16" Handled Tool	32441	$2\frac{1}{2}$ lb.	$\frac{3}{4}$ " Dia.	
	Tool only..... 16" Handled Tool	32450	3 lb.	$\frac{7}{8}$ " Dia.	
	Tool only..... 16" Handled Tool	32451	3 lb.	$\frac{7}{8}$ " Dia.	
	Tool only..... 16" Handled Tool	32460	$3\frac{1}{2}$ lb.	1" Dia.	
	Tool only..... 16" Handled Tool	32461	$3\frac{1}{2}$ lb.	1" Dia.	
	Replacement 16" Handle	90007	1 lb.		
	16" Safety Grip Handled Tool	32412	1 lb.	$\frac{3}{8}$ " Dia.	
	16" Safety Grip Handled Tool	32422	$1\frac{3}{4}$ lb.	$\frac{1}{2}$ " Dia.	
	16" Safety Grip Handled Tool	32432	2 lb.	$\frac{5}{8}$ " Dia.	
	16" Safety Grip Handled Tool	32442	$2\frac{1}{2}$ lb.	$\frac{3}{4}$ " Dia.	
	16" Safety Grip Handled Tool	32452	3 lb.	$\frac{7}{8}$ " Dia.	
	16" Safety Grip Handled Tool	32462	$3\frac{1}{2}$ lb.	1" Dia.	
	Replacement 16" Safety Grip Handle.....	90025	1 lb.		
	16" Fiberglass Handled Tool.....	32415	1 lb.	$\frac{3}{8}$ " Dia.	
	16" Fiberglass Handled Tool.....	32425	$1\frac{3}{4}$ lb.	$\frac{1}{2}$ " Dia.	
	16" Fiberglass Handled Tool.....	32435	2 lb.	$\frac{5}{8}$ " Dia.	
	16" Fiberglass Handled Tool.....	32445	$2\frac{1}{2}$ lb.	$\frac{3}{4}$ " Dia.	
	16" Fiberglass Handled Tool.....	32455	3 lb.	$\frac{7}{8}$ " Dia.	
	16" Fiberglass Handled Tool.....	32465	$3\frac{1}{2}$ lb.	1" Dia.	
	Replacement 16" Fiberglass Handle.....	90023	1 lb.		

WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS

	ITEM	STOCK NO.	WT.	SIZE	NET
	<i>Catalog No. H-467</i> High Carbon Steel – Heat Treated Tool only..... 16" Handled Tool..... Tool only..... 16" Handled Tool..... Tool only..... 16" Handled Tool..... Tool only..... 16" Handled Tool..... Tool only..... 16" Handled Tool..... Replacement 16" Handle	46730 46731 46740 46741 46750 46751 46760 46761 46770 46771 90007	2 lb. 2 lb. 2 1/4 lb. 2 1/4 lb. 2 1/2 lb. 2 1/2 lb. 2 3/4 lb. 2 3/4 lb. 3 lb. 3 lb. 1 lb.	1/2" Dia. 1/2" Dia. 5/8" Dia. 5/8" Dia. 3/4" Dia. 3/4" Dia. 7/8" Dia. 7/8" Dia. 1" Dia. 1" Dia.	
NO. H-467 ROUND PUNCH	16" Safety Grip Handled Tool	46732	2 lb.	1/2" Dia.	
	16" Safety Grip Handled Tool	46742	2 1/4 lb.	5/8" Dia.	
	16" Safety Grip Handled Tool	46752	2 1/2 lb.	3/4" Dia.	
	16" Safety Grip Handled Tool	46762	2 3/4 lb.	7/8" Dia.	
	16" Safety Grip Handled Tool	46772	3 lb.	1" Dia.	
	Replacement 16" Safety Grip Handle.....	90025	1 lb.		

	ITEM	STOCK NO.	SIZE SWELL	TOOL LGTH.	HOLE SIZE	NET
	<i>Catalog No. 334</i> Short Barrel Type High Carbon Steel	33420 33430 33440 33450 33460 33470 33480	9/16" Dia. 11/16" Dia. 13/16" Dia. 15/16" Dia. 1 1/16" Dia. 1 3/16" Dia. 1 5/16" Dia.	6 1/2" 7" 7 1/2" 8" 8 1/2" 10" 11"	1/2" Dia. 5/8" Dia. 3/4" Dia. 7/8" Dia. 1" Dia. 1 1/8" Dia. 1 1/4" Dia.	
NO. 334 DRIFT PIN						

	ITEM	STOCK NO.	SIZE SWELL	TOOL LGTH.	POINT SIZE	NET
	<i>Catalog No. 336</i> High Carbon Steel	33600 33610 33620 33630 33640 33650	15/16" Dia. 1 1/16" Dia. 1 1/16" Dia. 1 3/16" Dia. 1 1/4" Dia. 1 5/16" Dia.	15" 12" 15" 15" 12" 12"	5/16" Dia. 3/8" Dia. 3/8" Dia. 7/16" Dia. 7/16" Dia. 7/16" Dia.	
NO. 336 BULL PIN						

	ITEM	STOCK NO.	SIZE SWELL	TOOL LGTH.	POINT SIZE	NET
	<i>Catalog No. 338</i> High Carbon Steel	33810 33820	1 1/16" Dia. 1 1/4" Dia.	10" 13"	1/4" Dia. 5/16" Dia.	
NO. 338 BROAD HEAD PULL PIN						

REPLACEMENT HANDLES ONLY

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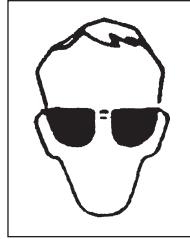
090002 32" SLEDGE HANDLE 1 $\frac{3}{4}$ lb.
090003 36" SLEDGE HANDLE 2 lb.
090005 36" SLEDGE HANDLE FOR 20 lb. 2 lb.
090007 16" SLEDGE HANDLE & B/O HANDLE 1 lb.
090008 16" MASON HAMMER HANDLE 1 lb.
090009 24" TRACK CHISEL & PUNCH HANDLE 1 $\frac{1}{2}$ lb.
090010 10 $\frac{1}{2}$ " DRILLING HAMMER HANDLE $\frac{1}{2}$ lb.
090011 16" DRIVING HAMMER HANDLE $\frac{1}{2}$ lb.
090013 #10 EYE COAL & POLL PICK HANDLE 2 lb.
090015 34" FOREST/TRACK ADZE HANDLE 1 $\frac{1}{2}$ lb.
090020 # 6 EYE CUTTER/PICK MATTOCK HANDLE 2 $\frac{1}{4}$ lb.
090022 # 7 EYE CUTTER MATTOCK HANDLE 1 $\frac{3}{4}$ lb.
090023 16" FIBERGLASS HANDLE 1 lb.
090024 34" FIBERGLASS HANDLE 2 lb.
090025 16" NON SLIP GRIP HANDLE 1 lb.
090026 36" NON SLIP GRIP HANDLE 2 lb.
090027 36" GRUB HOE HANDLE 1 $\frac{3}{4}$ lb.
090030 36" NON SLIP GRIP HANDLE - TRACK CHISEL 2 lb.
090031 36" TRACK CHISEL/PUNCH HANDLE 1 $\frac{1}{2}$ lb.
090040 32" NON SLIP GRIP HANDLE 1 $\frac{3}{4}$ lb.
090041 36" SPIKE/SLEDGE HANDLE 1 $\frac{3}{4}$ lb.
090042 32" AXE EYE MAUL HANDLE 1 $\frac{3}{4}$ lb.

WEDGES FOR PLACEMENT HANDLES

90T100.....METAL TRIANGLE WEDGE.....- SMALL HAMMERS ONLY
90T110.....METAL TRIANGLE WEDGE.....- LARGE HAMMERS ONLY
90W200SMALL WOODEN WEDGE.....- $\frac{3}{4}$ " x 1" SMALL EYE SIZE
90W210LARGE WOODEN WEDGE- 1" x 1 $\frac{3}{8}$ " LARGE EYE SIZE
90S300SMALL RD STEEL WEDGE.....- $\frac{3}{4}$ " x 1" SMALL EYE SIZE
90S310LARGE RD STEEL WEDGE- 1" x 1 $\frac{3}{8}$ " LARGE EYE SIZE

SAFETY GRIP HANDLES ARE ORANGE

ALL AMERICAN MADE TOOLS



PROTECT YOUR EYES

When using ...
or in a striking tool zone

Wear Safety Goggles

Eye Specifications

The shapes of the eyes of the different tools listed and described in the preceding pages are designated by numbers corresponding to those of the U.S Dept. of Commerce Heavy Forged Hand Tools, Simplified Practice Recommendation—R17-47, effective October 15, 1947.

Eye formula:

- A — Size of stock.
- B — 40 percent of A.
- C — 125 percent of B approximate.
- D — 5/6 of B.
- E — To suit dimensions B, C, and D.

Note—Warwood Tools have a tolerance limit of 1/16 in. above and 3/16 in. under all eyes to allow for punch wear.
On eyes #2, 3, 4—
3° taper on cross section.
4° taper on long section.

